SIGNET

19 September 1957

FROM: SUBJECT: (Prip Report,	DOC 6 REV DATE 18 MAR BY 064540 ORIG COMP 033 OPI 56 TYPE 02 ORIG CLASS 5 PACES 2 REV CLASS C JUST 22 NEW REV 2010 AUTH: HR 10-2 - 28 August 1957	25X 25X
supply troubles in the URT-11 transunder a task order, designed for a reduce a transient voltage peak who former breakdown in the URT-11 power NO on several URT-11 transmitters furner breakdown after the NO had occured when the transmitter was pafor two hours. This transmitter pages	s a Modification Work Order to ich was causing similiar trans- er supply. In accomplishing this reported a case of trans- been installed. This breakdown at on a key down operating test	25X 25X 25X 25X
the T&I shop with a burned out file transformer and the replacement whith us to we discussed varies supply after the modification had a transient voltage had been sufficient the day before to discussed worked up a flip-flop reto periodically turn the plate power unit could be varied so as to place of the rectifier output waveform with the rectifier output waveform with the plate power suggested this could also be done there at the shop.	ament transformer. The original ich had also burned out were taken ous means of testing the power been completed to determine if the ently suppressed. I had called cust this problem with him. clay circuit which could be used or on and off. The speed of this e the transient spike on the peak ich viewed on a scope. I had called could be used as on and off. The speed of this e the transient spike on the peak ich viewed on a scope.	25X 25X 25X 25X 25X
project and test out modified trampersonnel or time wise to do this. lab technicisms had opened up the that shorted out by arcing over on a voltage filament winding. This is previously experienced which this reliminate.	While we were talking one of the two transformers and found they one of the terminals of the high the identical trouble we had	25X
determine the reason for this trans the three CFE RT-IB and two URT-IL tests. agreed to furni they would install on these transmi then be subjected to two types of t	transmitters used in the original lab with 5 modification kits which litters. Each of the transmitters would	25X
power switch over a reasonable (hur Test two would be a key o	dieds of operations) period of time. lown operation over a period of hours. see tests and make corrective recom-	25X

Declassified in Part - Sanitized Copy Approved for Release 2012/02/14 : CIA-RDP78-03330A004100030007-2

25X1 to come in to discuss then asked 25X1 a problem connected with the RT-4 transmitter. Phase C of this project calls for frequency extension both up and down of the RT-4 transmitter. said it would require major modification to extend the range 25X1 above the present 25 megacycle limit. No further work will be done on this part of phase C. Extending the range down from 4 mes., to 3 mes., is feasible but will require the installation of two 50 unf vacuum condensers in the power amplifier and output tuning network. These cost \$25.00 each. This cost plus the switching that will be required and the engineering costs for this modification will exceed the \$1500.00 allotted for phase C. wanted to know if they should go ahead with this phase and 25X1 submit an increase cost letter to the contracting officer. I said I would check this out with the operations people and call him back. If will work up a cost estimate to be submitted to us through 25X1 the contracting officer for approval. 25X1